

PassPort® ServicePak R08.02.07

User's Guide

NOTE: This release of PassPort ServicePak can **ONLY** be used to upgrade radios with PassPort Firmware version R07.02.09 or later and should not be used on radios with PassPort Firmware version below R07.02.09. For further details, please refer to the Customer Release Notes for PassPort Firmware R08.02.07.

	Radio Firmware	PassPort Firmware	Motorola Customer Programming Software (CPS)	PassPort Customer Programming Software (PPCPS)
HT1250-LS⁺™ Portable	R05.13.08 or later	R08.02.07	R06.10.01 or later	R05.02.03
CDM1550-LS⁺™ Mobile	R05.07.01 or later	R08.02.07	R06.10.01 or later	R05.02.03

NOTE: PASSPORT CPS VERSION R05.02.03 OR HIGHER IS REQUIRED FOR PROGRAMMING LS⁺ RADIOS (PORTABLES AND MOBILES) WITH PASSPORT FIRMWARE R08.02.05 OR HIGHER, AND SHOULD NOT BE USED ON RADIOS WITH PASSPORT FIRMWARE BELOW R07.02.09! THE CODEPLUG MUST BE SAVED TO AN ARCHIVE, OPENED WITH PPCPS R05.02.03, AND WRITTEN BACK TO THE UPGRADED RADIO. FAILURE TO COMPLY WITH THIS NOTE COULD LEAD TO PROGRAMMING ERRORS IN YOUR RADIO.

CONSEQUENTLY, MOTOROLA STRONGLY RECOMMENDS THAT YOU MAINTAIN A COPY OF YOUR EARLY VERSION OF PPCPS FOR USE WITH LS⁺ RADIOS CONTAINING PASSPORT FIRMWARE BELOW R07.02.09.

For further information regarding compatibility between the different versions of Radio Firmware, PassPort Firmware, Customer Programming Software and PassPort Customer Programming Software, please refer to the PassPort Software Compatibility document included in the PassPort ServicePak R08.02.07.

To access the PassPort Software Compatibility document, click on
"Start > Programs > Motorola > PassPort ServicePak > ServicePak R08.02.07 > PassPort Software Compatibility".

To access the PassPort Firmware R08.02.07 Release notes, click on
"Start > Programs > Motorola > PassPort ServicePak > ServicePak R08.02.07 > PassPort Firmware R08.02.07 Release Notes".

To access the PassPort ServicePak User's Guide, click on
"Start > Programs > Motorola > PassPort ServicePak > ServicePak R08.02.07 > PassPort ServicePak User's Guide R08.02.07".



Upgrading procedures

The PassPort firmware R08.02.07 requires a PPCPS R05.02.03 codeplug. Before upgrading you must save your existing codeplug to an archive file with a version of PPCPS that is compatible to your existing firmware. Upgrade your radio to R08.02.07 with this ServicePak, open the saved archive file with PPCPS R05.02.03 and write it back to your upgraded radio.

FAILURE TO COMPLY WITH THIS PROCEDURE MAY CAUSE YOUR RADIO TO FUNCTION INCORRECTLY.

1. Save the codeplug of the radio to a file for conversion.


Note: Ensure that you are using a PPCPS version that is compatible to your radio PassPort firmware version; see "PassPort Software Compatibility".

- a) Open the PPCPS application.
- b) Click on FILE → READ DEVICE in the Menu bar (OR click on  in the Toolbar). Select the correct COM Port and click OK.
- c) After the existing codeplug of the radio is read with the PPCPS, click on FILE → SAVE AS in the Menu bar (OR click on  in the Toolbar). Browse to the location where you wish to save the file. Name the file and click on the SAVE button in the SAVE DISK FILE window.
- d) Click on CLOSE button in the TREE VIEW window.
- e) Click on FILE → EXIT in the Menu bar.




2. Upgrade radio firmware to R08.02.07.

Note: Please note that the radio can be upgraded only if "SEARCHING" or "REG SITE xx" or "AppCodeFail" appears on the display. However, if the radio displays "PASSPORT", please do the following 3 steps:

- I. Disconnect the RIB or RIBless cable.
 - II. Turn on/off the radio until the display shows one of the following messages: "SEARCHING", "REG SITE xx", or "AppCodeFail".
 - III. If one of the above messages is not shown, remove and replace the battery.
- a) Open the ServicePak R08.02.07 application.
 - b) Ensure the COM port used by the application is the port that your radio are connected, if it is not, change the COM port setting by choosing COM Port Setting menu item in the Configuration Menu. Click "OK" button to close the COM port setting window after the changes.

- c) Press the 'Upgrade' button on the main window (Or click on  in the tool bar).
- d) Click 'OK' button on the Upgrade Instruction Dialog.
- e) Wait for the upgrading process to finish. If an error occurs, turn off the radio and disconnect the radio from the programming cable. Turn the radio back on and ensure that 'AppCodeFail' is shown on the display of radio. Upgrade the radio again.

3. Convert and write the codeplug to the upgraded radio.

- a) Open the PPCPS application version R05.02.03.
- b) Click on FILE → OPEN in the Menu bar (OR click on  in the Toolbar). Browse to the location where you saved the existing archive file with the older version of PPCPS. Select the file and click on OPEN in OPEN DISK FILE window.
- c) Ensure that the file you opened is the file you saved for the radio. (The PPCPS version R05.02.03 has a CONVERT menu that allows you to convert the R07.02.09 or R07.02.10 classic codeplug to an R08.00.00 enhanced codeplug compatible with the new option board firmware. See the PPCPS Help for more details.)
- d) Click on FILE → WRITE DEVICE in the Menu bar (OR click on  in Toolbar) to write the converted archive file into the radio.
- e) If you wish to save the converted file on a disk, click on FILE → SAVE AS in the Menu bar (OR click on  in the Toolbar). Browse to the location where you wish to save the file. Name the file and click on the SAVE button in the SAVE DISK FILE window. Please do not delete or replace your older archive files, back them up to a safe place.